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312.902.5200 office 312.902.1067 fax**Facsimile**

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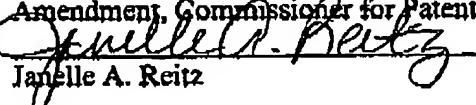
Comments

RE: Patent Application No.: 10/727,473
Filing Date: December 4, 2003
Inventor: Stephen John Brosnan, et al.
Title: Wavefront Sensor Using Hybrid Optical/Electronic Heterodyne Techniques
Confirmation No.: 6262

Please file the attached:
Transmittal Form (1p.)
Information Disclosure Statement (3 pp.)
PTO/SB/08A (1 p.)

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Doc #CH101 (211467-00246) 50274954v1,05/25/2005/Tim 13:45

PAGE 1/6 * RCVD AT 5/25/2005 3:09:17 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/9 * DNIS:8729306 * CSID:3129021061 * DURATION (mm:ss):02:28

PTO/SB/21 (08-04)

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10727,473

Filing Date

December 4, 2003

First Named Inventor

Stephen John Broenan, et al.

Art Unit

3641

Examiner Name

Unassigned

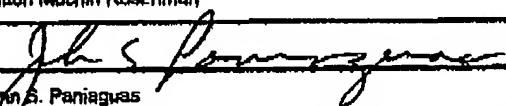
Attorney Docket Number

48-0004

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> PTO/SB/08A
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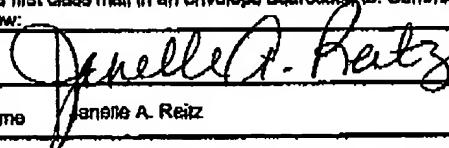
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Firm Name	Katten Muchin Rosenman		
Signature			
Printed name	John S. Panigras		
Date	5/25/05	Reg. No.	31,051

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5-25-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/727,473 RECEIVED
Confirmation No.: 6262 CENTRAL FAX CENTER
Filing Date: December 4, 2003 MAY 25 2005
Inventor(s): Stephen John Brosnan, et al.
Group Art Unit: 3641
Examiner Name: Unassigned
Attorney Docket No.: 48-0004
Title: Wavefront Sensor Using Hybrid Optical/Electronic Heterodyne Techniques

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This document is being filed pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

I. TIME OF FILING

This document is being filed in accordance with 37 C.F.R. § 1.97(b) as it is believed to be filed:

- within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
- before the mailing of a first Office action on the merits; or
- before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

OR

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____ This document is being filed in accordance with 37 C.F.R. § 1.97(c) as it is believed to be filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application. This Statement is accompanied by one of:

____ the following statements; or

____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

____ The fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

OR

____ This document is being filed in accordance with 37 C.F.R. § 1.97(d) as it is believed to be filed on or before the payment of the issue fee and is accompanied by one of the following statements and the fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Applicant(s) respectfully request that the documents listed on the attached Form PTO/SB/08A and/or Form PTO/SB/08B be considered and made of record.

OR

____ It is requested that this Statement and enclosures be placed in the file. It is understood that the cited references will not be considered by the Office.

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II. FOREIGN PATENT OFFICE COMMUNICATIONS (if applicable)

One or more of the items of information contained in the information disclosure statement were cited in a communication from a foreign patent office in a counterpart foreign application.

A copy of the search report is attached.

III. COPIES OF CITED REFERENCES

Because this application was filed prior to June 30, 2003, copies of the document(s) listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

OR

Because this application was filed after June 30, 2003, copies of non-U.S. patent citations as listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

AND (if applicable)

All cited U.S. pending (non-published) applications listed on Form PTO/SB/08A are stored in the USPTO's IFW system. Copies are therefore not provided.

OR

One or more of the cited U.S. pending (non-published) applications (filed prior to June 30, 2003) as listed on Form PTO/SB/08A has not been stored in the USPTO's IFW system. Copies for the unstored applications are provided herewith.

IV. REMARKS

The above constitutes information that an Examiner may find material to the examination of the subject application; however, it does not negate the patentability of the subject invention. Furthermore, it is not intended that submission of this information be taken as a representation that a search has been made or that no information which is more material exists.

The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment with respect to this communication to Deposit Account No. 50-1214. A duplicate copy of this communication is enclosed.

Date: 5/25/05

By:


John S. Paniagras
Attorney or Agent for Applicant(s)
Reg. No. 31,051

PTO/SB/08A (08-03)

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Signature for form 1449/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number	10/727,473
		Filing Date	December 4, 2003
		First Named Inventor	Stephen John Brosnan
		Art Unit	3641
		Examiner Name	Unassigned
		Attorney Docket Number	48-0004

Examiner
Signature _____ Date Considered _____

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 201.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. *Applicant is to place a check mark here if English language translation is required.

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